

# **[METHOD FOR OBJECTIVE PLAYOUT QUALITY MEASUREMENT OF A PACKET BASED NETWORK TRANSMISSION]**

## **Abstract of Disclosure**

A method for objective playout quality measurement of a packet based network transmission includes determining a normalized total delay of a packet for playout and assigning a corresponding delay mean opinion score (DMOS) to the packet, then further determining a normalized packet loss rate of the packet and assigning a corresponding loss mean opinion score (LMOS) to the packet. The method includes averaging the DMOS and the LMOS to determine a mean mean opinion score (MMOS) of the packet and outputting the MMOS of the packet to a display device. The DMOS and LMOS can be assigned referencing continuous modeling equations or can be assigned referencing discrete value lookup tables. The method is performed by a processor.

## Figures